11 is surrounded coaxially by a light guide 15, the light guide 15 and the crosshair plate 11 being securely connected together. To connect them, grooves 17 for UV cement 19 are formed in the light guide 15. The secure connection of the crosshair plate 11 and the light guide 15 is ensured by this UV cement 19. As will be apparent particularly from Figs. 3 and 4, the light guide 15 is embedded in the holder 13 of the crosshair plate 11. The holder 13 of the crosshair plate 11 is provided with a bevel 21, so that in this region the light guide 15 is not surrounded at its radial outer circumference by the holder 13 of the crosshair plate 11. The radiation of a light source 23, in particular of a diode 25, is coupled-in in this region. A beam shield 27, which in this embodiment example is constituted as a blackening 29, is provided in this region between the light guide and the crosshair plate, and prevents direct radiation entry into the crosshair plate. The radiation of the light source 23 is coupled-in to the light guide 15 in the region of the bevel 21. The occurrence of reflections is prevented by means of the nearly uniform coupling-in of the radiation over the whole circumference of the crosshair plate.